

IFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application Of: )  
Kiamars Hajizadeh and Kelly Mills )  
Application No. 10/727,350 ) Group Art Unit: 1743  
Confirmation No. 5453 )  
Filed: December 3, 2003 ) Examiner: Unassigned  
For: Multi-Sensor Device for Motorized Meter )  
and Methods Thereof )

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RECEIVED  
NOV 26 2004  
OIPE/JCIMS

Dear Sir:

Applicants submit herewith Form PTO-1449, "Information Disclosure Citation."  
Pursuant to the Notice from the U.S. Patent and Trademark Office ("PTO") dated July 11, 2003, the PTO has waived the requirement under 37 C.F.R. 1.98(a)(2)(i) requiring submission of a copy of each cited U.S. patent and each cited U.S. patent application for applications filed after June 30, 2003 and for all international applications entering the national stage under 35 U.S.C. Sec. 371 after June 30, 2003. Therefore, we are not enclosing copies of the listed U.S. patents and U.S. patent applications.

Since this Statement is being filed before the mailing date of a first Official Action on the merits, no fee is necessary.

Applicants are submitting this art because they recognize their duty to disclose pursuant to 37 C.F.R. §1.56. However, submission of this art and Statement is not an admission any item identified contains matter anticipating the invention or rendering the invention obvious to a person of ordinary skill in the art. Further, Applicants believe none of the art submitted herewith, alone or in proper combination, discloses, teaches or suggests the invention claimed by Applicants.

Attorney Docket No. 3873 P 040  
Application No. 10/727,350  
Page 2

The citation of a reference is also without admission the reference is sufficient to teach one of ordinary skill in the art how to make or use the subject matter thereof or the reference is, or is considered to be, material to the patentability as defined in 37 C.F.R. §1.56(b).

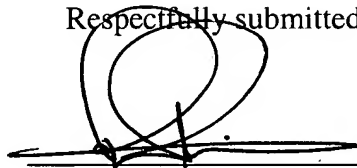
Moreover, submission of these patents is without admission any of the patents constitutes statutory prior art or has an effective date prior to Applicants' effective date of invention.

Applicants specifically reserve all rights of privilege and confidence with respect to this matter. A submission of this document is not to be construed as a waiver of those rights. In addition, the filing of this Statement is not to be construed as a representation a search had been made by Applicants or counsel.

Please charge any additional fees associated with this Communication or credit any overpayment to our Deposit Account No. 23-0280.

Respectfully submitted,

Dated: 5 Nov. 2004



Roger H. Stein, Reg. No. 31,882  
Wallenstein Wagner & Rockey, Ltd.  
311 South Wacker Drive, 53rd Floor  
Chicago, Illinois 60606-6630  
312.554.3300

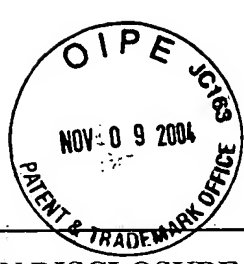
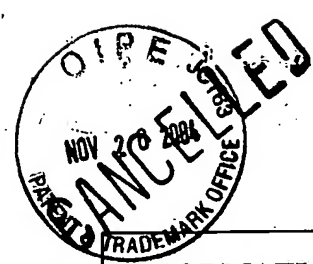
Attorneys for Applicants

---

**CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with first class postage prepaid, in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on November 5, 2004.

  
Natha Conerly /202692



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Publication Date (MM-DD-YYYY)
	US 3,838,033	Mindt et al	09/24/1974
	US 3,925,183	Oswin et al	12/09/1975
	US 3,979,274	Newman	09/07/1976
	US 4,005,002	Racine et al	01/25/1977
	US 4,053,381	Hamblet et al	10/11/1977
	US 4,137,495	Brown	01/30/1979
	US 4,169,779	Tataria et al	10/02/1979
	US 4,217,196	Huch	08/12/1980
	US 4,224,125	Nakamura et al.	09/23/1980
	US 4,225,410	Pace	09/30/1980
	US 4,239,471	Swaroop	12/16/1980
	US 4,254,083	Columbus	03/03/1981
	US 4,321,123	Nakamura et al	03/23/1982
	US 4,356,074	Johnson	10/26/1982
	US 4,376,689	Nakamura et al.	03/15/1983
	US 4,392,933	Nakamura et al	07/12/1983
	US 4,407,959	Tsuji et al	10/04/1983
	US 4,413,407	Columbus	11/08/1983
	US 4,418,148	Oberhardt	11/29/1983
	US 4,420,564	Tsuji et al	12/13/1983
	US 4,431,507	Nankai et al	02/14/1984
	US 4,432,366	Margules	02/21/1984
	US 4,472,131	Ryder	09/18/1984
	US 4,473,457	Columbus	09/25/1984
	US 4,474,183	Yano et al	10/02/1984
	US 4,490,216	McConnell	12/25/1984
	US 4,502,660	Luther et al.	03/05/1985
	US 4,502,938	Covington et al	03/05/1985
	US 4,543,326	Miyashita et al	09/24/1985
	US 4,545,382	Higgins et al	10/08/1985
	US 4,579,643	Mase et al	04/01/1986
	US 4,591,550	Hafeman et al	05/27/1986
	US 4,634,366	Brun et al	01/06/1987
	US 4,654,197	Lilja et al	03/31/1987
	US 4,655,901	Mase et al	04/07/1987

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 2 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Publication Date (MM-DD-YYYY)
	US 4,682,602	Prohaska	07/28/1987
	US 4,711,245	Higgins et al	12/08/1987
	US 4,717,113	Martin	01/05/1988
	US 4,738,812	Raynal	04/19/1988
	US 4,758,323	Davis et al	07/19/1988
	US 4,765,585	Wieder	08/23/1988
	US 4,768,747	Williams et al	09/06/1988
	US 4,796,014	Chia	01/03/1989
	US 4,810,633	Bauer et al	03/07/1989
	US 4,810,658	Shanks et al	03/07/1989
	US 4,820,399	Senda et al	04/11/1989
	US 4,820,636	Hill et al	04/11/1989
	US 4,830,959	McNeil et al	05/16/1989
	US 4,832,307	Watanabe et al	05/23/1989
	US 4,900,424	Birth et al	02/13/1990
	US 4,927,516	Yamaguchi et al	05/22/1990
	US 4,935,105	Churchouse	06/19/1990
	US 4,935,106	Liston et al	06/19/1990
	US 4,938,860	Wogoman	07/03/1990
	US 4,948,727	Cass et al	08/14/1990
	US 4,952,300	Diamond	08/28/1990
	US 4,959,005	Sorensen	09/25/1990
	US 4,959,305	Woodrum	09/25/1990
	US 4,970,145	Bennetto et al	11/13/1990
	US 4,978,503	Shanks et al	12/18/1990
	US 4,995,402	Smith et al	02/26/1991
	US 4,999,582	Parks et al	03/12/1991
	US 5,015,426	Maus et al	05/14/1991
	US 5,030,310	Wogoman	07/09/1991
	US 5,040,963	Beck et al	08/20/1991
	US 5,049,487	Philips et al	09/17/1991
	US 5,120,420	Nankai et al	06/09/1992
	US 5,122,244	Hoenes et al	06/16/1992
	US 5,128,015	Szuminsky et al	07/07/1992
	US 5,139,714	Hettinga	08/18/1992

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 3 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Publication Date (MM-DD-YYYY)
	US 5,140,393	Hijikihigawa et al	08/18/1992
	US 5,141,868	Shanks et al	08/25/1992
	US 5,171,689	Kawaguri et al	12/15/1992
	US 5,173,165	Schmid et al	12/22/1992
	US 5,192,415	Yoshioka et al	03/09/1993
	US 5,243,516	White	09/07/1993
	US 5,286,362	Hoenes et al	02/15/1994
	US 5,288,636	Pollmann et al	02/22/1994
	US 5,338,435	Betts et al	08/**/1994
	US 5,346,659	Buhler et al	09/13/1994
	US 5,354,447	Uenoyama et al	10/11/1994
	US 5,366,609	White et al	11/22/1994
	US 5,405,511	White et al	04/11/1995
	US 5,407,344	Rombalski, Jr. et al	04/18/1995
	US 5,437,999	Diebold et al	08/01/1995
	US 5,438,271	White et al	08/01/1995
	US 5,508,171	Walling et al	04/16/1996
	US 5,509,410	Hill et al	04/23/1996
	US 5,527,173	Miller et al	06/18/1996
	US 5,547,555	Schwartz et al	08/20/1996
	US 5,560,939	Nakagawa et al	10/01/1996
	US 5,575,895	Ikeda et al	11/19/1996
	US 5,582,697	Ikeda et al	12/10/1996
	US 5,593,852	Heller et al	01/14/1997
	US 5,595,771	Foltuz et al	01/21/1997
	US 5,639,672	Burd et al	06/17/1997
	US 5,653,934	Brun, Jr. et al	08/05/1997
	US 5,682,884	Hill et al	11/04/1997
	US 5,695,949	Galen et al	12/09/1997
	US 5,707,662	Bright et al	01/13/1998
	US 5,736,173	Wright et al	04/07/1998
	US 5,762,770	Pritchard et al	06/09/1998
	US 5,798,031	Charlton et al	08/25/1998
	US 5,820,551	Hill et al	10/13/1998
	US 5,833,824	Benton	11/10/1998

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS  
PTO-1449**

Sheet 4 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Publication Date (MM-DD-YYYY)
	US 5,965,380	Heller et al	10/12/1999
	US 5,985,129	Gough et al	11/16/1999
	US 5,997,817	Crismore et al	12/07/1999
	US 6,059,946	Yukawa et al	05/09/2000
	US 6,071,251	Cunningham et al	06/06/2000
	US 6,101,791	Louviere	08/15/2000
	US 6,110,696	Brown et al	08/29/2000
	US 6,117,292	Ahmad	09/12/2000
	US 6,129,823	Hughes et al	10/10/2000
	US 6,143,576	Buechler	11/07/2000
	US 6,156,270	Buechler	12/05/2000
	US 6,162,611	Heller et al	12/19/2000
	US 6,162,639	Douglas	12/19/2000
	US 6,175,752	Say et al	01/16/2001
	US 6,206,841	Cunningham et al	03/27/2001
	US 6,241,862	McAleer et al	06/05/2001
	US 6,294,062	Buck, Jr. et al	09/25/2001
	US 6,360,888	McIvor et al	03/**/2002
	US 6,540,890	Bhullar et al	04/01/2003
	US 6,572,745	Rappin et al	06/03/2003
	US 6,576,102	Rappin et al	06/10/2003
	RE 36,268	Szuminsky et al	08/17/1999
	US 2001/0050228	Jaeger	12/13/2001
	US 2002/0002344	Douglas et al	01/03/2002
	US 2002/0003087	Chih-hui	01/10/2002
	US 2002/0029964	Matsumoto	03/14/2002
	US 2002/0053523	Liamos et al	05/09/2002
	US 2002/0092612 A1	Davies et al	07/18/2002

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 5 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication (MM-DD-YYYY)	T
	Office	Number	Kind			
	Europe	0 121 385	A1		03.26.1983	Y
	Europe	0 078 590	A1	Corning Glass Works	05.11.1983	Y
	Europe	0 078 636	B1	Genetics International, Inc.	05.11.1983	Y
	Europe	0 080 304	A1	Wako Pure Chem Ind Ltd	06.01.1983	Y
	Europe	0 096 095	A1		12.21.1983	Y
	Europe	0 125 137	B1	MediSense, Inc.	11.14.1984	Y
	Europe	0 127 958	A2	Medisense Inc.	12.12.1984	Y
	Europe	0 136 362	A1	Matsushita Electric Ind Co Ltd	04.10.1985	Y
	Europe	0 136 362	B1	Matsushita Electric Industrial Co., Ltd.	04.10.1985	Y
	Europe	0 170 375	A2	Unilever NV	02.05.1986	Y
	Europe	0 171 148	A1	Unilever PLC	02.12.1986	Y
	Europe	0 177 743	B1	Shimadzu Corporation	04.16.1986	Y
	Europe	0 206 218	A2	Miles Inc	12.30.1986	Y
	Europe	0 230 472	A1	Matsushita Electric Ind Co Ltd	08.05.1987	Y
	Europe	0 230 786	A1	Genetics International, Inc.	08.05.1987	Y
	Europe	0 241 309	A3	MediSense, Inc.	10.14.1987	Y
	Europe	0 255 291	A1	Unilever PLC	02.03.1988	Y
	Europe	0 359 831	B1	Matsushita Electric Ind Co Ltd	03.28.1990	Y
	Europe	0 170 375	B1	Unilever PLC	05.16.1990	Y
	Europe	0 400 918	A1	Nakano Vinegar Co., Ltd.	12.05.1990	Y

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 6 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

	Europe	0 171 148	B1	Ares-Serono Research & Development Limited Partnership	04.17.1991	Y
	Europe	0 127 958	B1	MediSense, Inc.	03.11.1992	Y
	Europe	0 255 291	B1	Unilever PLC	06.24.1992	Y
	Europe	0 230 472	B1	Matsushita Electric Industrial Co., Ltd.	01.27.1993	Y
	Europe	0 127 958	B2	MediSense, Inc.	04.10.1996	Y
	Europe	0 230 472	B2	Matsushita Electric Industrial Co., Ltd.	12.13.2000	Y
	Europe	1 098 000	A2	Roche Diagnostics Corporation	05.09.2001	N
	Japan	55-10584	A	Matsushita Electric Ind Co Ltd (Abs. Only)	01.25.1980	Y
	Japan	57-98853	A	Matsushita Electric Ind Co Ltd (Abs. Only)	06.19.1982	Y
	Japan	59-166852	A	Matsushita Electric Ind Co Ltd (Abs. Only)	09.20.1984	Y
	Japan	60-173457			09.06.1985	N
	Japan	60-173458			09.06.1985	N
	Japan	60-173459			09.06.1985	N
	Japan	60-211350	A	Matsushita Electric Ind Co Ltd (Abs. Only)	10.23.1985	Y
	Japan	61-90050			05.08.1986	N
	Japan	61-91558	A	Matsushita Electric Ind Co Ltd (Abs. Only)	05.09.1986	Y
	Japan	61-294356	A	Matsushita Electric Ind Co Ltd (Abs. Only)	12.25.1986	Y
	Japan	62-137559			06.20.1987	N



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 7 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

	Japan	62-156553	A	Daikin Ind Ltd (Abs. Only)	07.11.1987	Y
	Japan	63-3248		Matsushita Electric Ind co Ltd (Abs. Only)	01.08.1988	Y
	Japan	63-3249	A	Matsushita Electric Ind Co Ltd (Abs. Only)	01.08.1988	Y
	Japan	63-58149			03.12.1988	N
	Japan	63-128252			05.31.1988	N
	Japan	63-139246			06.11.1988	N
	Japan	63-317757			12.26.1988	N
	Japan	63-317758			12.26.1988	N
	Japan	1-91558			04.11.1989	N
	Japan	1-114746			05.08.1989	N
	Japan	1-114747			05.08.1989	N
	Japan	1-134244			05.26.1989	N
	Japan	1-156658			06.20.1989	N
	Japan	03-239958	A		10.**.1991	N
	Japan	08-247987	A		09.**.1996	Y
	GB	2,154,003	A	Genetics International Inc.	08.29.1985	Y
	GB	2,204,408	A	The Plessey Company pic	11.09.1988	Y
	PCT	WO 86/04926		Genetics International Inc.	08.28.1986	Y
	PCT	WO 86/07632		Matsushita Electric Industrial Co., Ltd. (Abs. Only)	12.31.1986	N
	PCT	WO 88/03270		Unilever Plc	05.05.1988	Y
	PCT	WO 89/08713		Life-Chek Laboratories	09.21.1989	Y

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**  
PTO-1449

Sheet 8 of 8

Application No.: 10/727,350  
Filing Date: December 3, 2003  
First Named Inventor: Kiamars Hajizadeh.  
Art Unit: 1743  
Examiner Name: Unassigned  
Attorney Docket Number: 3873 P 040

**OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	T
	International Search Report for PCT/US02/08703 mailed 06 December 2002	
	"Large-Amplitude Controlled-Potential Techniques," Laboratory Techniques in Electroanalytical Chemistry; pp. 51-64 and 124 (Kissinger and Heineman, eds. 1984) no month available.	
	JAPIO abstract of Omron Corp. (JP 03-239958-A)	
	Derwent abstract of Omron Corp. (JP 03-239958-A)	
	Machine translation of Omron Corp. (JP 08-247987 A)	

Examiner Signature: \_\_\_\_\_ Date Considered: \_\_\_\_\_ Examiner:  
Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line  
through citation if not in conformance and not considered. Include copy of this form with next  
communication to Applicant.